

14 TOOTH ANALYSIS	Page 1 of 1
GENERAL DOCUMENTATION AND EVIDENCE HANDLING REQUIREMENTS – FORENSIC BIOLOGY SECTION PROCEDURE MANUAL, SECTION I	Issue No. 3
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<p>14 TOOTH ANALYSIS</p> <p>14.1 If appropriate, freeze the tooth until you are ready to proceed with the examination.</p> <p>14.2 Molars are the teeth of choice for DNA recovery. Working with only one item at a time to avoid sample mix-up and/or contamination, examine and describe the item. Diagrams and/or photographs may be helpful.</p> <p>14.3 If appropriate, test for blood, and record and report results.</p> <p>14.4 If appropriate, clean the outer surface of the tooth by soaking in water and washing with a strong jet of Type I water or an ultrasonic cleaner, air dry, and report as preserved.</p> <p>14.5 As appropriate, conduct DNA PCR-based typing.</p> <p>14.5.1 Perform DNA PCR-based typing, record results, and report results and conclusions after comparing the profile(s) obtained to the appropriate known sample profiles.</p> <p>14.5.2 Perform DNA PCR-based typing on an unknown victim, record results, perform a DNA Data Bank search for a “match” to the profile, and report the results of the analysis and search.</p> <p>14.6 Return evidence to the primary examiner or to security for final disposition.</p> <p style="text-align: right;">◆END</p>	